

## INTERNATIONAL SEARCH REPORT

PCT/GB2004/004044

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01J31/50

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 338 080 A (* IMCO ELECTRO-OPTICS LIMITED; * DRS HADLAND LIMITED) 8 December 1999 (1999-12-08) page 2, paragraph 3 page 2, paragraph 6 - page 3, paragraph 1 page 3, paragraph 6 - page 4, paragraph 2 page 7, paragraph 7 page 8, paragraph 4 - page 9, paragraph 3	1-4, 9, 12-17, 22, 25, 26
Y	----- -/--	5-8, 10, 11, 18-21, 23, 24

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

17 June 2005

Date of mailing of the international search report

28/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>GB 2 349 534 A (JONATHAN DAVID * HARES) 1 November 2000 (2000-11-01)</p> <p>abstract page 1, paragraph 2 page 2, paragraph 3 page 3, paragraph 9 page 4, paragraph 5 - page 5, paragraph 2 page 9, paragraph 2 - page 10, paragraph 1</p>	6-8,10, 11, 19-21, 23,24
Y	<p>US 4 184 069 A (BOSSERMAN, DAVID A) 15 January 1980 (1980-01-15) column 1, line 56 - column 3, line 20</p>	5,18
Y	<p>EP 0 269 356 A (SPERRY MARINE INC) 1 June 1988 (1988-06-01) abstract column 1, line 48 - column 2, line 13 column 3, line 18 - column 4, line 58 column 5, line 17 - column 6, line 30</p>	6,7
A		6,8,20, 21
Y	<p>US 3 885 180 A (CARTS, JR. ET AL) 20 May 1975 (1975-05-20) column 1, line 60 - column 3, line 14</p>	5
A	<p>US 5 919 140 A (PERELMAN ET AL) 6 July 1999 (1999-07-06) abstract page 1, lines 16-23 column 1, line 58 - column 2, line 31 column 2, lines 53-59 column 6, lines 27-45</p>	1,6-9, 19-21
A	<p>US 5 220 164 A (LIEBER ET AL) 15 June 1993 (1993-06-15) column 8, line 21 - column 9, line 29</p>	6-9,19, 20

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Information on patent family members

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